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[Role of cholesterol and the ganglioside GM1 in entry and short-term survival of *Brucella suis* in murine macrophages](#)[\[HTML\]](#) from [nih.gov](#)

A Naroeni... - Infection and immunity, 2002 - Am Soc Microbiol

... Membrane Cholesterol: a Crucial Molecule Affecting Interactions of Microbial Pathogens

with Mammalian Cells. Infect. Immun. ... Role of lipid rafts in E-cadherin- and

HGF-R/Met-mediated entry of *Listeria monocytogenes* into host cells. ...[Cited by 92](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)[The *Salmonella* pathogenicity island 1 secretion system directs cellular cholesterol redistribution during mammalian cell entry and intracellular trafficking](#)

MJ Garner, RD Hayward... - Cellular Microbiology, 2002 - Wiley Online Library

... Dynamic cholesterol-glycosphingolipid enriched membrane microdomains (rafts) have emerged

as central ... and plasma membranes are suggested to share similar overall lipid composition

(Kobayashi et al. ... we therefore expected a change in the SCV cholesterol composition upon ...

[Cited by 52](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)[Microbial entry through caveolae: variations on a theme](#)

MJ Duncan, JS Shin... - Cellular microbiology, 2002 - Wiley Online Library

... to avoid fusion with lysosomes (referred to as active persistence), whereas *Listeria monocytogenes*,

escapes ... Campbell, SM, Crowe, SM, and Mak, J. (2001) Lipid rafts and HIV ... (2002) The

Salmonella-containing vacuole is a major site of intracellular cholesterol accumulation and ...[Cited by 112](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)[Modulation of *Brucella* - induced macropinocytosis by lipid rafts mediates intracellular replication](#)

M Watarai, S Makino, Y Fujii... - Cellular ..., 2002 - Wiley Online Library

... *Listeria* or *Yersinia* internalization occurs by zipper-like phagocytosis in which bacterial surface

proteins bind to host cell surface receptors (Isberg, 1996; Lecuit et al., 1999). ... These results

suggested that sphingolipid-cholesterol-rich microdomains, lipid rafts, might be ...

[Cited by 88](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)[Attributes of \$\gamma\delta\$ intraepithelial lymphocytes as suggested by their transcriptional profile](#)[\[HTML\]](#) from [pnas.org](#)

AM Fahrner, Y Konigshofer, EM Kerr... - Proceedings of the ..., 2001 - National Acad Sciences

... After *Listeria* infection, mice deficient in *Eta-1* fail to form granulomas—a phenotype that is alsoobserved in ... to lipid and cholesterol metabolism in the $\gamma\delta$ IEL samples (Tables 2 and 7). Cholesterol

is a major structural component of the plasma membrane lipid rafts where many ...

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Pathogenic trickery: deception of host cell processes

[PDF] from [ugent.be](#)

LA Knodler, J Celli... - Nature Reviews Molecular Cell Biology, 2001 - nature.com

... Similarly, cholesterol has an essential role in Mycobacterium bovis uptake into macrophages

29 ... probably do not fuse with endosomes or lysosomes, invasion through lipid rafts represents

a ... P. In vitro model of penetration and intracellular growth of Listeria monocytogenes in ...

[Cited by 104](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

Functional aspects of the Leishmania donovani lipophosphoglycan during macrophage infection

A Descoteaux... - Microbes and infection, 2002 - Elsevier

... For Listeria monocytogenes, induction of MAPK pathways may be required for uptake by host ...

The molecular mechanisms by which promastigotes efficiently initiate infection, however, are poorly understood. ... Indeed, insertion of LPG in lipid bilayers raises the T_H (transition ...

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Pathogens, toxins, and lipid rafts

M Fivaz, L Abrami... - Protoplasma, 2000 - Springer

... Yersinia species (for a re- view, see Cossart 1997), E-cadherin is a receptor for Listeria

monocytogenes (Mengaud ... M. Fivaz et al.: Pathogens and lipid rafts ... domains was further confirmed

by the fact that internalization was inhibited after treatment with cholesterol-affecting drugs ...

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Phosphatidylinositol 4, 5-bisphosphate induces actin-based movement of raft-enriched vesicles through WASP-Arp2/3

AL Rozelle, LM Machesky, M Yamamoto... - Current Biology, 2000 - Elsevier

... tails are found in cells infected with intracellular pathogens, such as Listeria, vaccinia and ... is also

supported by unrelated studies that show that actin polymerizes from cholesterol- and sphingolipid ...

Lipid rafts are actively involved in many forms of signaling [22], including tyrosine ...

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The Salmonella - containing vacuole is a major site of intracellular cholesterol accumulation and recruits the GPI - anchored protein CD55

DM Catron, MD Sylvester, Y Lange... - Cellular ..., 2002 - Wiley Online Library

... Thus, our finding that cholesterol accumulates in the SCV in HEp-2 cells as well as in

macrophages suggests that the phenomenon is probably not linked to apoptosis. Elevation of

cholesterol also induces lipid microdomains, or 'rafts', in cells (Simons and Ikonen, 2000). ...

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